

TI Preparation of octadecyl acrylate/maleic anhydride/styrene
 copolymer AAMAS as pour point depressant
 AU Song Z.-Z.; Zhang G.-C.; Ge J.-J.
 CS Petroleum Eng. Dept., Petroleum University
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 AB An octadecyl acrylate/maleic anhydride/styrene (OAMAS) copolymer was
 synthesized through organic solution copolymerization, to be used as
 pour point depressant/**viscosity** reducer for Shengli paraffinic **crude**
oil. The proper ratio of monomers, initiator use level, and
 reaction time were found to obtain copolymers with highest pour
 point depressing and **viscosity** reducing capacities. The waxing
 inhibition and pour point and **viscosity** reduction of Shengli crude
 were achieved by using OAMAS. The pour point of the crude was
 lowered by 15°C and its apparent **viscosity** at 20°C - by 88% when 300
 ppm copolymer OAMAS was added at 60°C. Spectrum, 2 tables, 5
 graphs, and 10 references